

ABSTRACT OF THE DISCLOSURE

A method and apparatus for refrigeration system control includes an evaporator pressure regulator and sensor in communication with one of a plurality of refrigeration circuits. The sensor is operable to measure a parameter of the refrigeration circuit. A controller is operable to adaptively control a suction pressure of the compressor rack based upon the measured parameter, whereby the controller controls a circuit temperature for one of the plurality of circuits. Further, the controller is operable to control the electronic evaporator pressure regulator to control the temperature in the one of a plurality of refrigeration circuits by determining a change in the parameter and updating a set point based upon the change of parameter.